

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)

Application Number		10540276
Filing Date		2005-06-21
First Named Inventor	Anna Ingrid Kristina Berggren	
Art Unit	1626	
Examiner Name	Young, Shawquia	
Attorney Docket Number	133087.10001(100939-1PUS)	

U.S.PATENTS						Remove
Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
	1	6884438		2005-04-26	Quintanar et al.	
	2	6074986		2000-06-13	Mulqueen et al.	
	3	4348385		1982-09-07	Synek	
	4	4610868		1986-09-09	Fountain et al.	
	5	4826689		1989-05-02	Violanto et al.	
	6	4997454		1991-03-05	Violanto et al.	
	7	5118528		1992-06-02	Fessi et al.	
	8	5145648		1992-09-08	Miyahara et al.	

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number		10540276
Filing Date		2005-06-21
First Named Inventor	Anna Ingrid Kristina Berggren	
Art Unit		1626
Examiner Name	Young, Shawquia	
Attorney Docket Number		133087.10001(100939-1PUS)

	9	5145684		1992-09-08	Liversidge et al.	
	10	5468604		1995-11-21	Zengerle et al.	
	11	5665331		1997-09-09	Bagchi et al.	
	12	5780062		1998-07-14	Frank et al.	
	13	5858410		1999-01-12	Muller et al.	
	14	5843465		1998-12-01	Lundquist	
	15	5932245		1999-08-03	Wunderlich et al.	
	16	6048550		2000-04-11	Chan et al.	
	17	5314506		1994-05-24	Midler, Jr. et al.	
	18	5624941		1997-04-29	Barth et al.	
	19	6383471		2002-05-07	Chen et al.	

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number		10540276
Filing Date		2005-06-21
First Named Inventor	Anna Ingrid Kristina Berggren	
Art Unit	1626	
Examiner Name	Young, Shawquia	
Attorney Docket Number	133087.10001(100939-1PUS)	

	20	6432984		2002-08-13	Barth et al.	
	21	6645985		2003-11-11	Barth et al.	
	22	6375986		2002-04-23	Ryde et al.	
	23	6127520		2000-10-03	Ueda et al.	
	24	7342019		2008-03-11	Berggren et al.	

If you wish to add additional U.S. Patent citation information please click the Add button.

Add

U.S.PATENT APPLICATION PUBLICATIONS

Remove

Examiner Initial*	Cite No	Publication Number	Kind Code ¹	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
	1	20050009908		2005-01-13	Hedberg et al.	
	2	20060141043		2006-06-29	Lindfors	
	3	20060198893		2006-09-07	Lindfors	
	4	20050202092		2005-09-15	Skantze et al.	

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number	10540276
Filing Date	2005-06-21
First Named Inventor	Anna Ingrid Kristina Berggren
Art Unit	1626
Examiner Name	Young, Shawquia
Attorney Docket Number	133087.10001(100939-1PUS)

5	20020188007		2002-12-12	Barth et al.	
6	20030059472		2003-03-27	Brynjelsen et al.	
7	20040039024		2004-02-26	Barth et al.	
8	20060135523		2006-06-22	Cheng	
9	20060134146		2006-06-22	Lindfors	
10	20070093484		2007-04-26	Cheng	

If you wish to add additional U.S. Published Application citation information please click the Add button. [Add](#)

FOREIGN PATENT DOCUMENTS

[Remove](#)

Examiner Initial*	Cite No	Foreign Document Number ³	Country Code ² i	Kind Code ⁴	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear	T ⁵
	1	9635414	WO		1996-11-14	CIBA-Geigy AG		<input type="checkbox"/>
	2	9711686	WO		1997-04-03	Nanosystems LLC		<input type="checkbox"/>
	3	9807414	WO		1998-02-26	Research Triangle Pharmaceuticals Ltd.		<input type="checkbox"/>

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number		10540276
Filing Date		2005-06-21
First Named Inventor	Anna Ingrid Kristina Berggren	
Art Unit	1626	
Examiner Name	Young, Shawquia	
Attorney Docket Number	133087.10001(100939-1PUS)	

	4	9704756	WO		1997-02-13	Nanosystems LLC		<input type="checkbox"/>
	5	9624340	WO		1996-08-15	Nanosystems LLC		<input type="checkbox"/>
	6	0033820	WO		2000-06-15	BASF Aktiengesellschaft		<input type="checkbox"/>
	7	9713503	WO		1997-04-17	The Penn State Research Foundation		<input type="checkbox"/>
	8	9218105	WO		1992-10-29	Sandoz Ltd.		<input type="checkbox"/>
	9	0071079	WO		2000-11-30	American Bioscience, Inc.		<input type="checkbox"/>
	10	9900113	WO		1999-01-07	Vivorx Pharmaceuticals, Inc.		<input type="checkbox"/>
	11	03188438	JP		1991-08-16	Fuji Photo Film Co Ltd.		<input type="checkbox"/>
	12	589838	EP		1994-03-30	CIBA-Geigy AG		<input type="checkbox"/>
	13	9904766	WO		1999-02-04	Universite Claude Bernard Lyon I		<input type="checkbox"/>
	14	9632095	WO		1996-10-17	Astra Aktiebolag		<input type="checkbox"/>

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number		10540276
Filing Date		2005-06-21
First Named Inventor	Anna Ingrid Kristina Berggren	
Art Unit	1626	
Examiner Name	Young, Shawquia	
Attorney Docket Number	133087.10001(100939-1PUS)	

15	9814174	WO		1998-04-09	Vivorx Pharmaceuticals, Inc.		<input type="checkbox"/>
16	9823350	WO		1998-06-04	Zeneca Limited		<input type="checkbox"/>
17	9959709	WO		1999-11-25	Zeneca Limited		<input type="checkbox"/>
18	0038811	WO		2000-07-06	Glaxo Group Limited		<input type="checkbox"/>
19	0044468	WO		2000-08-03	Bristol-Myers Squibb Company		<input type="checkbox"/>
20	0170700	WO		2001-09-27	Solvay Pharmaceuticals B.V.		<input type="checkbox"/>
21	0192293	WO		2001-12-06	Universiteit Leiden		<input type="checkbox"/>
22	0200199	WO		2002-01-03	Glaxo Group Limited		<input type="checkbox"/>
23	03035035	WO		2003-05-01	Glaxo Group Limited		<input type="checkbox"/>
24	0351850	WO		2003-06-26	AstraZeneca AB		<input type="checkbox"/>
25	0351851	WO		2003-06-26	AstraZeneca AB		<input type="checkbox"/>

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number	10540276
Filing Date	2005-06-21
First Named Inventor	Anna Ingrid Kristina Berggren
Art Unit	1626
Examiner Name	Young, Shawquia
Attorney Docket Number	133087.10001(100939-1PUS)

26	275607	EP		1988-07-27	Nobel Kemi AB		<input type="checkbox"/>
27	2276567	GB		1994-05-10	United Kingdom Atomic Energy Authority		<input type="checkbox"/>
28	02055059	WO		2002-07-18	Baxter International Inc.		<input type="checkbox"/>
29	03013472	WO		2003-02-20	AstraZeneca AB		<input type="checkbox"/>
30	2004058249	WO		2004-07-15	AstraZeneca AB		<input type="checkbox"/>
31	8904308	WO		1989-05-18	Terumo Kabushiki Kaisha		<input type="checkbox"/>
32	2004058255	WO		2004-07-15	AstraZeneca AB		<input type="checkbox"/>

If you wish to add additional Foreign Patent Document citation information please click the Add button

NON-PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T ⁵
	1	Final Rejection dated March 26, 2008 cited in Copending Application No. 10/486,211.	<input type="checkbox"/>
	2	Non-final Office Action dated July 26, 2007 cited in Copending Application No. 10/486,211.	<input type="checkbox"/>

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number	10540276
Filing Date	2005-06-21
First Named Inventor	Anna Ingrid Kristina Berggren
Art Unit	1626
Examiner Name	Young, Shawquia
Attorney Docket Number	133087.10001(100939-1PUS)

3	Scalzo et al., "[A substance with antibacterial and antifungal activity. V. Synthesis and microbiological activity of new derivatives of 1,5-diarylpyrrole]," Farmaco, Societa Chimica Italiana (1988) 43(9):677-691.	<input type="checkbox"/>
4	Ostwald, "[Über die vermeintliche Isomerie des roten und gelben Quecksilberoxyds und die Oberflächenspannung gester Körper,]" Phys. Chem (1900) 34:495-503.	<input type="checkbox"/>
5	Higuchi et al., "Physical degradation of emulsions via the molecular diffusion route and the possible prevention thereof," J Pharm Sci (1962) 51:459-466.	<input type="checkbox"/>
6	Kabalnov et al., "Ostwald ripening in two-component disperse phase systems: application to emulsion stability," Colloids and Surface (1987) 24:19-32.	<input type="checkbox"/>
7	Lannibois et al., "Surfactant limited aggregation of hydrophobic molecules in water," Journal Phys II France (1997) 7:319-342.	<input type="checkbox"/>
8	Lowe "Second-generation perfluorocarbon emulsion blood substitutes," Artificial Cell Blood Substitutes and Immob Biotech (2000) 28(1):25-38.	<input type="checkbox"/>
9	Harding "The influence of iodide content on the ripening behavior of a model emulsion system," Photographic Science Engineering (1980) 24(1):32-44.	<input type="checkbox"/>
10	Steffens et al., "O/W Emulsions as Vehicles for Micronized Drug Particles," Eur J Pharm, Biopharm (1991) 37 (4):219-226.	<input type="checkbox"/>
11	Ruch et al., "Preparation of Micrometer Size Budesonide Particles by Precipitation," Journal of Colloid and Interface Science (2000) 229(1):207-211.	<input type="checkbox"/>
12	Malcolmson et al., "Effect of oil on the level of solubilization of testosterone propionate into nonionic oil-in-water microemulsions," J Pharm Sci (1998) 87(1):109-116.	<input type="checkbox"/>
13	Sjostrom et al., "The formation of submicron organic particles by precipitation in an emulsion," J Dispersion Science and Tech. (1994) 15(1):89-117.	<input type="checkbox"/>

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number		10540276
Filing Date		2005-06-21
First Named Inventor	Anna Ingrid Kristina Berggren	
Art Unit		1626
Examiner Name	Young, Shawquia	
Attorney Docket Number		133087.10001(100939-1PUS)

14	Sjostrom et al., "A method for the preparation of submicron particles of sparingly water-soluble drugs by precipitation in oil-in-water emulsions. II: influence of the emulsifier, the solvent, and the drug substance," J Pharm Sci (1993) 82 (6):584-589.	<input type="checkbox"/>
15	Kasai et al., "Crystal growth of perylene microcrystals in the reprecipitation method," Bull Chem Soc Jpn (1998) 71:2597-2601.	<input type="checkbox"/>
16	Kasai et al., "A novel preparation method of organic microcrystals," Jpn J Appl Phys (1992) 31:L1132-1134.	<input type="checkbox"/>
17	Mohwald et al., "Imaging and other techniques," Current Opinion in Colloid and Interface Science (1997) 2:129-130.	<input type="checkbox"/>
18	Goddard, "Polymer-surfactant interaction Part I. Uncharged water-soluble polymers and charged surfactants," Colloids and Surfaces (1986) 19:255-300.	<input type="checkbox"/>
19	Notice of Allowance dated June 9, 2008 received in copending application no. 10/560,862 (133087.09301)	<input type="checkbox"/>
20	Office Action dated January 31, 2008 received in copending application no. 10/560,862 (133087.09301)	<input type="checkbox"/>
21	Saikachi et al., "Synthesis of 2,3-bis (5-nitro-2-furyl) Pyrazine Derivatives," Yakugaku Zasshi (1966) 86(10):927-932 ENGLISH TRANSLATION.	<input type="checkbox"/>
22	Scalzo et al., "[A substance with antibacterial and antifungal activity. IV. Synthesis and microbiological activity of new 1,5-diarylpyrrole derivatives]," Farmaco, Societa Chimica Italiana, Pavia, IT (1989) 44(1):665-676.	<input type="checkbox"/>
23	Ohta et al., "Anti-Platelet Aggregation Activity of Some Pyrazines," Biol. Pharm. Bull. (1997) 20(10):1076-1081.	<input type="checkbox"/>
24	Notice of allowance dated May 1, 2008 received in copending application no. 10/561,060 (133087.09401).	<input type="checkbox"/>

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number		10540276
Filing Date		2005-06-21
First Named Inventor	Anna Ingrid Kristina Berggren	
Art Unit	1626	
Examiner Name	Young, Shawquia	
Attorney Docket Number	133087.10001(100939-1PUS)	

25	Office Action dated January 7, 2008 received in copending application no. 10/561,060 (133087.09401).	<input type="checkbox"/>
26	Notice of copending applications.	<input type="checkbox"/>
27	Notice of allowance dated April 30, 2008 received in copending application no. 10/561,033 (133087.09601).	<input type="checkbox"/>
28	Office Action dated January 8, 2008 received in copending application no. 10/561,033 (133087.09601).	<input type="checkbox"/>
29	Office Action dated May 4, 2007 received in copending application no. 10/543,264 (133087.10201).	<input type="checkbox"/>
30	Notice of Allowance dated February 8, 2008 received in copending application no. 10/543,264 (133087.10201).	<input type="checkbox"/>
31	Petruso et al., "Oxidative Halogenation of Substituted Pyrroles with Cu(II). Part II. Bromination of Some Ethyl 3-Pyrrolecarboxylates and Corresponding Acids," Journal of Heterocyclic Chemistry, Heterocorporation (1990) 27 (5):1277-1280.	<input type="checkbox"/>
32	Porretta et al., "[Substances with antibacterial and antifungal activity. VII. Synthesis and microbiologic activity of new derivatives of 1,5-diarylpyrrole]," Farmaco. (1989) 44(1):65-76.	<input type="checkbox"/>
33	Guillory (in Brittain ed), "Polymorphism, etc.," NY: Marcel Dekker, Inc. (1999) 1-2, 183-226.	<input type="checkbox"/>
34	Balant et al., "Metabolic Considerations, etc.," in Manfred ed., Burger's Medicinal Chemistry and Drug discovery, 5th ed., vol. 1: Principles and Practice, John Wiley & Sons, Inc. (1995).	<input type="checkbox"/>
35	Office action dated March 8, 2007 received in copending application no. 10/499,054. (133087.08101)	<input type="checkbox"/>

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number	10540276
Filing Date	2005-06-21
First Named Inventor	Anna Ingrid Kristina Berggren
Art Unit	1626
Examiner Name	Young, Shawquia
Attorney Docket Number	133087.10001(100939-1PUS)

36	Notice of allowance dated October 15, 2007 received in copending application no. 10/499,054. (133087.08101)	<input type="checkbox"/>
37	Notice of Allowance dated December 1, 2008 received in copending application no. 10/561,033. (133087.09601)	<input type="checkbox"/>
38	Office Action dated November 14, 2008 received in copending application no. 10/543,545. (133087.10401)	<input type="checkbox"/>
39	Notice of allowance dated August 22, 2008 received in copending application no. 10/543,264. (133087.10201)	<input type="checkbox"/>
40	Notice of Allowance dated December 3, 2008 received in copending application no. 10/561,060. (133087.09401)	<input type="checkbox"/>
41	Office Action dated December 9, 2008 received in copending application no. 10/543,265 (133087.10301)	<input type="checkbox"/>
42	Office Action dated March 3, 2008 received in copending application no. 10/538,318. (133087.10101)	<input type="checkbox"/>
43	Office Action dated September 15, 2008 received in copending application no. 10/521,617.	<input type="checkbox"/>

If you wish to add additional non-patent literature document citation information please click the Add button

EXAMINER SIGNATURE

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. ² Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). ³ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁴ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁵ Applicant is to place a check mark here if English language translation is attached.